



**PLANTING NOTES**

The handling of plants to be in accordance with National Plant Specification 'Handling and Establishing Landscape Plants'. All plants and planting operations are to comply with the requirements and recommendations of all current relevant British Standard specifications including but not limited to:

- BS 5454: Trees: From Nursery to Independence in the Landscape
- BS 3998-1:1992: Nursery stock: Specification for trees and shrubs
- BS 3882:2015 - Specification for topsoil
- BS 4428:1989: Code of practice for general landscape operations (excluding hard surfaces) (AMD 6794)
- BS 5837:2012: Trees in relation to design, demolition and construction: Recommendations
- BS 7373:1991: Grounds maintenance: Recommendations for maintenance of amenity and functional turf (other than sports turf)

All planting to be carried out during appropriate climatic conditions and where possible in the optimal planting period October through until March. Existing topsoil and/or imported, clean/vert horticultural ameliorants from sustainable sources. Contractor to satisfy himself of measurements on site and the full extent of works before pricing.

**Clearance**

Cut back all grass and perennial vegetation including brambles, suckering and epicormic growth to a height of 25-50mm across site. All existing trees and shrubs marked for removal on plan to be removed prior to implementing proposals including grubbing out and stump grinding as applicable to site conditions. All rubbish, debris and existing redundant infrastructure to be removed. Stone picking of all stones and debris over 25mm to be undertaken (gravel to west of Rose Centre). All trees and shrubs to be retained to be protected during works in line with BS5837:2012. Existing vegetation that is to be retained to be protected during the construction phase with temporary fencing erected in accordance with BS 5837 Trees in Relation to Construction.

**Tree works**

All works to existing trees to be undertaken in line with BS 3998:2010 Tree Work. Recommendations as per schedule of works, all arising to be removed from site.

**Herbicide and cultivation**

Topsoil and surface vegetation (areas covered by grass and where shrub removal and clearance work as above has occurred) to be treated with two applications of selective broadleaf herbicide prior to planting and seeding, where necessary, avoiding hub and willflowers (Primroses and Bluebells in particular) and strictly in accordance with the Control of Pesticides Regulations 1986 (COPR) (as amended 1997) (or, otherwise, updated/superseded legislation) and following manufacturer's instructions by qualified staff.

**Topsoil**

Topsoil shall be a minimum of 400mm deep over new planting beds and graded to fall. Imported topsoil must be BS 3882:2015 compliant and existing topsoil must be cultivated in accordance with BS 3882:2015 outside 80% of existing trees. No cultivation should take place in well-waterlogged conditions and within the 80% of existing trees. Topsoil to be used in areas of uneven surface to make good levels to create a smooth level surface. Where topsoil is added under existing trees to fill depressions in the surface such additions should be no greater than 100mm depth in line with BS5837:2012.

**Native Species Trees**

Feathered trees to be planted in pits 800x800x450mm of dimensions of rootball, whichever is greater. Tree to be supported by 1M stake (1500mm long, jet tree, 400mm above ground, 75mm diameter) and 12m bio-degradable tie. All feathered trees to be protected from rabbit damage with a plastic spiral guard (45cm high, brown) around each plant. All roots of bare root stock to be dipped in a root dip solution immediately prior to planting to prevent them from drying out. 75gms of a slow release fertiliser to be applied round the base of each feathered Tree immediately after planting.

**Native Species Shrub Mix**

All plants to be planted roots planted at the density specified within the planting schedule in a random mix of single species groups, with each group containing 2-25 plants of the same species. All plants to be evenly distributed across each planting area. All transplants to be protected from rabbit damage with a plastic spiral guard (45cm high, brown) around each plant supported by a bamboo cane placed inside each guard and pushed firmly into the ground. All roots of bare root stock to be dipped in a root dip solution immediately prior to planting to prevent them from drying out. 30gms of a slow release fertiliser to be applied round the base of each plant immediately after planting.

**Mulch**

A radius of 250 mm at the base of each proposed tree/shrub to receive 75mm depth pulverised Bimulch.

**Plant position**

Final position of trees and shrubs subject to confirmation of service location and approval of statutory undertakers. Allow for location of service information prior to work commencing on site.

**Proposed Wetland Meadow**

All seeding areas to be cultivated (except with 80% of trees) and levelled as required removing any stones, rubble, subsoil and general construction waste.

**Planting Season**

Bare-root shrubs to be planted between mid-November and mid-March depending upon the planting season.

**KEY**

- Site Boundary
- Land Under Applicant's Control
- Existing Vegetation to be Retained
- Existing Watercourse
- Tree Category A
- Tree Category B
- Tree Category C
- Tree Category U
- Root Protection Area
- Proposed Native Species Tree
- Proposed Native Species Shrub Mix Approx. Total Area: 3.7ha
- Proposed Wetland Meadow Approx. Total Area: 901 m<sup>2</sup> (8% - Meadow Reserve for Wetlands, Emergent, 4g/m<sup>2</sup>)
- Proposed Willow/ Tussock Grassland Approx. Total Area: 233 m<sup>2</sup> (4% - Tussock Reserve, Emergent, 4g/m<sup>2</sup>)
- Existing Vegetation to be Removed
- Proposed Cable Route
- 6m Buffer from Proposed Cable Route
- Proposed Fence
- Proposed Pond Indicative Location
- Proposed Single Bird Box Indicative Location (Each location to be determined by an on-site ecologist when installing)
- Proposed Bat Box Indicative Location (Each location to be determined by an on-site ecologist when installing)
- Proposed Hibernaculum/ Log Pit Indicative Location (Each location to be determined by an on-site ecologist when installing)

**REVISION SCHEDULE**

Rev	Date	Description
A	17.06.2021	Proposed Willow/ Tussock Grassland area added. (AK)

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**STATUS: FOR PLANNING**

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GRID REFERENCE: TQ 72150 11750

PROJECT: Ninfed Energy Management Development

TITLE: Landscape Mitigation Plan

CLIENT: Statkraft UK Ltd

DATE: 02.03.21 SCALE: 1:500@A0

DRAWN: WM DRAWING NO.: 3215-DR-LAN-101

CHECKED: CH REVISION: A



**PLANTING SCHEDULE**

Specimen Tree Planting	Number	Abbreviation	Species	Height	Specification	
42	Ac	Acer composite	100-115cm	2x BR	Feather	
15	Pa	Prunus avium	100-115cm	2x BR	Feather	
30	Sau	Salix caprea	100-115cm	2x BR	Feather	
Total 91						
Native Species Shrub Mix	Number	Abbreviation	Species	Height	Specification	Spacing
389	Ca	Cornus sanguinea		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
194	Ca	Corylus avellana		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
1555	Ca	Crataegus monogyna		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
389	Il	Ilex aquifolium		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
389	Lv	Ligustrum vulgare		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
1167	Pa	Prunus spinosa		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
389	Roa	Rosa canina		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
776	Sac	Salix caprea		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
389	Sa	Salix caprea		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
389	Vo	Viburnum opulus		4500mm	1+1 BR	Transplant 1m <sup>2</sup>
Total 1778						